ELSEVIER

Hearing Research 162 (2001) 146

HEARING RESEARCH

www.elsevier.com/locate/heares

Author Index Volume 162

Barnes-Davies, M., Owens, S. and Forsythe, I.D.
Calcium channels triggering transmitter release in the rat medial superior olive (162) 134

Cappaert, N.L.M., Klis, S.F.L., Muijser, H., Kulig, B.M. and Smoorenburg, G.F.
Simultaneous exposure to ethyl benzene and noise: synergistic effects on outer hair cells (162) 67
Coro, F. and Kössl, M.
Components of the $2f_1$-f_2 distortion-product otoacoustic emission in a moth (162) 126
Croy, C.L., see Penheiter, A.R. (162) 19

d'Ecclesia, A., see Di Girolamo, S. (162) 80
Dallos, P., see He, D.Z.Z. (162) 113
DeMott, J.E., see Ghiz, A.F. (162) 105
Di Girolamo, S., d'Ecclesia, A., Quaranta, N., Garozzo, A., Evoli, A. and Paludetti, G.
Effects of contralateral white noise stimulation on distortion product otoacoustic emissions in myasthenic patients (162) 80

Evoli, A., see Di Girolamo, S. (162) 80

Filoteo, A.G., see Penheiter, A.R. (162) 19
Forsythe, I.D., see Barnes-Davies, M. (162) 134

Garozzo, A., see Di Girolamo, S. (162) 80
Gewalt, S.L., see Ghiz, A.F. (162) 105
Ghiz, A.F., Salt, A.N., DeMott, J.E., Henson, M.M., Henson Jr., O.W. and Gewalt, S.L.
Quantitative anatomy of the round window and cochlear aqueduct in guinea pigs (162) 105

He, D.Z.Z., Zheng, J. and Dallos, P.
Development of acetylcholine receptors in cultured outer hair cells (162) 113
Henson, M.M., see Ghiz, A.F. (162) 105
Henson Jr., O.W., see Ghiz, A.F. (162) 105
Hibi, T., see Nakashima, T. (162) 85

Ikeda, K., see Wada, H. (162) 10
Illing, R.-B., see Marangos, N. (162) 48
Iwagaki, T., see Nakashima, T. (162) 85

Kakehata, S., see Wada, H. (162) 10
Kaygusuz, İ., Öztürk, A., Üstündağ, B. and Yalçin, Ş.
Role of free oxygen radicals in noise-related hearing impairment (162) 43
Keiler, S. and Richter, C.-P.
Cochlear dimensions obtained in hemicochleae of four different strains of mice: CBA/CaJ, 129/CD1, 129/SvEv and C57BL/6J (162) 91
Klis, S.F.L., see Cappaert, N.L.M. (162) 67
Kössl, M., see Coro, F. (162) 126
Krüger, J., see Marangos, N. (162) 48
Kulig, B.M., see Cappaert, N.L.M. (162) 67

Laszig, R., see Marangos, N. (162) 48
Le Prell, C.G., Niemiec, A.J. and Moody, D.B.
Macaque thresholds for detecting increases in intensity: effects of formant structure (162) 29

Marangos, N., Illing, R.-B., Krüger, J. and Laszig, R.
In vivo visualization of the cochlear nerve and nuclei with fluorescent axonal tracers (162) 48
Marco-Algarra, J., see Riera-Sala, C. (162) 53
Martínez-Soriano, F., see Riera-Sala, C. (162) 53
Molina-Mira, A., see Riera-Sala, C. (162) 53
Moody, D.B., see Le Prell, C.G. (162) 29
Muijser, H., see Cappaert, N.L.M. (162) 67

Nakashima, T., Suzuki, T., Iwagaki, T. and Hibi, T.
Effects of anterior inferior cerebellar artery occlusion on cochlear blood flow – a comparison between laser-Doppler and microsphere methods (162) 85
Niemiec, A.J., see Le Prell, C.G. (162) 29

Olucha, F.E., see Riera-Sala, C. (162) 53
Owens, S., see Barnes-Davies, M. (162) 134
Öztürk, A., see Kaygusuz, İ. (162) 43

Paludetti, G., see Di Girolamo, S. (162) 80
Penheiter, A.R., Filoteo, A.G., Croy, C.L. and Penniston, J.T.
Characterization of the deafwaddler mutant of the rat plasma membrane calcium-ATPase 2 (162) 19
Penniston, J.T., see Penheiter, A.R. (162) 19

Quaranta, N., see Di Girolamo, S. (162) 80

Richter, C.-P., see Keiler, S. (162) 91
Riera-Sala, C., Molina-Mira, A., Marco-Algarra, J., Martínez-Soriano, F. and Olucha, F.E.
Inner ear lesion alters acoustically induced c-Fos expression in the rat auditory rhomboencephalic brainstem (162) 53

Salt, A.N., see Ghiz, A.F. (162) 105
Smoorenburg, G.F., see Cappaert, N.L.M. (162) 67
Sugawara, M., see Wada, H. (162) 10
Summers, V.
Overshoot effects using Schroeder-phase harmonic maskers in listeners with normal hearing and with hearing impairment (162) 1
Suzuki, T., see Nakashima, T. (162) 85

Takeuchi, S., see Wada, H. (162) 10

Üstündağ, B., see Kaygusuz, İ. (162) 43
Usukura, H., see Wada, H. (162) 10

Wada, H., Usukura, H., Takeuchi, S., Sugawara, M., Kakehata, S. and Ikeda, K.
Distribution of protein motors along the lateral wall of the outer hair cell (162) 10

PII: S0378-5955(01)0403-8

ELSEVIER

Hearing Research 162 (2001) 147–149

HEARING RESEARCH

www.elsevier.com/locate/heares

Subject Index Volume 162

α9 acetylcholine receptor
Outer hair cell; Development; Cochlea; Gerbil; Efferent innervation; Neural regulation; Voltage-clamp; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Acetylcholinesterase
Immediate early gene; Auditory system; Sensory deprivation (Riera-Sala, C. (162) 53)

Anatomy
Hemicochlea; Mouse; Hearing (Keiler, S. (162) 91)

Anterior inferior cerebellar artery
Cochlear blood flow; Laser-Doppler flowmetry; Microsphere; Bone blood flow (Nakashima, T. (162) 85)

Anterior ventral cochlear nucleus
Medial superior olive; Medial nucleus of the trapezoid body; Voltage-gated calcium current; Glutamate; Glycine (Barnes-Davies, M. (162) 134)

Antioxidant
Hearing impairment; Noise; Free oxygen radicals scavenging (Kaygusuz, İ. (162) 43)

Auditory brainstem implant
Axonal tracers; Cochlear nucleus; Fast Blue (Marangos, N. (162) 48)

Auditory system
Immediate early gene; Acetylcholinesterase; Sensory deprivation (Riera-Sala, C. (162) 53)

Axonal tracers
Auditory brainstem implant; Cochlear nucleus; Fast Blue (Marangos, N. (162) 48)

Bone blood flow
Cochlear blood flow; Laser-Doppler flowmetry; Microsphere; Anterior inferior cerebellar artery (Nakashima, T. (162) 85)

Ca^{2+} signal
PMCA; Cytosolic Ca^{2+}; Ion pump; Deafwaddler (Penheiter, A.R. (162) 19)

Cochlea
Perilymph; Round window; Scala tympani; Cochlear aqueduct (Ghiz, A.F. (162) 105)

Outer hair cell; Development; Gerbil; Efferent innervation; α9 acetylcholine receptor; Neural regulation; Voltage-clamp; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Cochlear amplifier
Insect hearing; Tympanal organ; Otoacoustic emission; *Empyreuma affinis* (Coro, F. (162) 126)

Cochlear aqueduct
Cochlea; Perilymph; Round window; Scala tympani (Ghiz, A.F. (162) 105)

Cochlear blood flow
Laser-Doppler flowmetry; Microsphere; Anterior inferior cerebellar artery; Bone blood flow (Nakashima, T. (162) 85)

Cochlear nonlinearity
Overshoot; Schroeder-phase masking; Hearing impairment (Summers, V. (162) 1)

Cochlear nucleus
Auditory brainstem implant; Axonal tracers; Fast Blue (Marangos, N. (162) 48)

Contralateral suppression
Medial olivo-cochlear bundle; Distortion product otoacoustic emission; Myasthenia gravis (Di Girolamo, S. (162) 80)

Cytosolic Ca^{2+}
PMCA; Ion pump; Ca^{2+} signal; Deafwaddler (Penheiter, A.R. (162) 19)

Deafwaddler
PMCA; Cytosolic Ca^{2+}; Ion pump; Ca^{2+} signal (Penheiter, A.R. (162) 19)

Development
Outer hair cell; Cochlea; Gerbil; Efferent innervation; α9 acetylcholine receptor; Neural regulation; Voltage-clamp; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Distortion product otoacoustic emission
Contralateral suppression; Medial olivo-cochlear bundle; Myasthenia gravis (Di Girolamo, S. (162) 80)

Distortion product otoacoustic emissions
Ethyl benzene; Noise; Outer hair cell; Electrocochleography; Interaction (Cappaert, N.L.M. (162) 67)

Distribution
Outer hair cell; Protein motor; Lateral wall; Microsphere (Wada, H. (162) 10)

Efferent innervation
Outer hair cell; Development; Cochlea; Gerbil; α9 acetylcholine receptor;

PII: S0378-5955(01)00404-X

Neural regulation; Voltage-clamp; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Electrocochleography
Ethyl benzene; Noise; Outer hair cell; Interaction; Distortion product otoacoustic emissions (Cappaert, N.L.M. (162) 67)

Empyreuma affinis
Insect hearing; Tympanal organ; Otoacoustic emission; Cochlear amplifier (Coro, F. (162) 126)

Ethyl benzene
Noise; Outer hair cell; Electrocochleography; Interaction; Distortion product otoacoustic emissions (Cappaert, N.L.M. (162) 67)

Fast Blue
Auditory brainstem implant; Axonal tracers; Cochlear nucleus (Marangos, N. (162) 48)

Free oxygen radicals scavenging
Hearing impairment; Noise; Antioxidant (Kaygusuz, İ. (162) 43)

Gerbil
Outer hair cell; Development; Cochlea; Efferent innervation; α9 acetylcholine receptor; Neural regulation; Voltage-clamp; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Glutamate
Medial superior olive; Medial nucleus of the trapezoid body; Anterior ventral cochlear nucleus; Voltage-gated calcium current; Glycine (Barnes-Davies, M. (162) 134)

Glycine
Medial superior olive; Medial nucleus of the trapezoid body; Anterior ventral cochlear nucleus; Voltage-gated calcium current; Glutamate (Barnes-Davies, M. (162) 134)

Hearing
Hemicochlea; Mouse; Anatomy (Keiler, S. (162) 91)

Hearing impairment
Overshoot; Schroeder-phase masking; Cochlear nonlinearity (Summers, V. (162) 1)

Noise; Free oxygen radicals scavenging; Antioxidant (Kaygusuz, İ. (162) 43)

Hemicochlea
Mouse; Hearing; Anatomy (Keiler, S. (162) 91)

Immediate early gene
Auditory system; Acetylcholinesterase; Sensory deprivation (Riera-Sala, C. (162) 53)

Increment detection
Profile analysis (Le Prell, C.G. (162) 29)

Insect hearing
Tympanal organ; Otoacoustic emission; Cochlear amplifier; *Empyreuma affinis* (Coro, F. (162) 126)

Interaction
Ethyl benzene; Noise; Outer hair cell; Electrocochleography; Distortion product otoacoustic emissions (Cappaert, N.L.M. (162) 67)

Ion pump
PMCA; Cytosolic Ca^{2+}; Ca^{2+} signal; Deafwaddler (Penheiter, A.R. (162) 19)

Laser-Doppler flowmetry
Cochlear blood flow; Microsphere; Anterior inferior cerebellar artery; Bone blood flow (Nakashima, T. (162) 85)

Lateral wall
Outer hair cell; Protein motor; Distribution; Microsphere (Wada, H. (162) 10)

Medial nucleus of the trapezoid body
Medial superior olive; Anterior ventral cochlear nucleus; Voltage-gated calcium current; Glutamate; Glycine (Barnes-Davies, M. (162) 134)

Medial olivo-cochlear bundle
Contralateral suppression; Distortion product otoacoustic emission; Myasthenia gravis (Di Girolamo, S. (162) 80)

Medial superior olive
Medial nucleus of the trapezoid body; Anterior ventral cochlear nucleus; Voltage-gated calcium current; Glutamate; Glycine (Barnes-Davies, M. (162) 134)

Microsphere
Outer hair cell; Protein motor; Distribution; Lateral wall (Wada, H. (162) 10)

Cochlear blood flow; Laser-Doppler flowmetry; Anterior inferior cerebellar artery; Bone blood flow (Nakashima, T. (162) 85)

Mouse
Hemicochlea; Hearing; Anatomy (Keiler, S. (162) 91)

Myasthenia gravis
Contralateral suppression; Medial olivo-cochlear bundle; Distortion product otoacoustic emission (Di Girolamo, S. (162) 80)

Neural regulation
Outer hair cell; Development; Cochlea; Gerbil; Efferent innervation; α9 acetylcholine receptor; Voltage-clamp; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Noise
Hearing impairment; Free oxygen radicals scavenging; Antioxidant (Kaygusuz, İ. (162) 43)

Ethyl benzene; Outer hair cell; Electrocochleography; Interaction; Distortion product otoacoustic emissions (Cappaert, N.L.M. (162) 67)

Otoacoustic emission
Insect hearing; Tympanal organ; Cochlear amplifier; *Empyreuma affinis* (Coro, F. (162) 126)

Outer hair cell
Protein motor; Distribution; Lateral wall; Microsphere (Wada, H. (162) 10)

Ethyl benzene; Noise; Electrocochleography; Interaction; Distortion product otoacoustic emissions (Cappaert, N.L.M. (162) 67)

Development; Cochlea; Gerbil; Efferent innervation; α9 acetylcholine receptor; Neural regulation; Voltage-clamp; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Overshoot
Schroeder-phase masking; Hearing impairment; Cochlear nonlinearity (Summers, V. (162) 1)

PCR
Outer hair cell; Development; Cochlea; Gerbil; Efferent innervation; α9 acetylcholine receptor; Neural regulation; Voltage-clamp; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Perilymph
Cochlea; Round window; Scala tympani; Cochlear aqueduct (Ghiz, A.F. (162) 105)

PMCA
Cytosolic Ca^{2+}; Ion pump; Ca^{2+} signal; Deafwaddler (Penheiter, A.R. (162) 19)

Potassium channel
Outer hair cell; Development; Cochlea; Gerbil; Efferent innervation; α9 acetylcholine receptor; Neural regulation; Voltage-clamp; PCR; Tissue culture (He, D.Z.Z. (162) 113)

Profile analysis
Increment detection (Le Prell, C.G. (162) 29)

Protein motor
Outer hair cell; Distribution; Lateral wall; Microsphere (Wada, H. (162) 10)

Round window
Cochlea; Perilymph; Scala tympani; Cochlear aqueduct (Ghiz, A.F. (162) 105)

Scala tympani
Cochlea; Perilymph; Round window; Cochlear aqueduct (Ghiz, A.F. (162) 105)

Schroeder-phase masking
Overshoot; Hearing impairment; Cochlear nonlinearity (Summers, V. (162) 1)

Sensory deprivation
Immediate early gene; Auditory system; Acetylcholinesterase (Riera-Sala, C. (162) 53)

Tissue culture
Outer hair cell; Development; Cochlea; Gerbil; Efferent innervation; α9 acetylcholine receptor; Neural regulation; Voltage-clamp; PCR; Potassium channel (He, D.Z.Z. (162) 113)

Tympanal organ
Insect hearing; Otoacoustic emission; Cochlear amplifier; *Empyreuma affinis* (Coro, F. (162) 126)

Voltage-clamp
Outer hair cell; Development; Cochlea; Gerbil; Efferent innervation; α9 acetylcholine receptor; Neural regulation; PCR; Potassium channel; Tissue culture (He, D.Z.Z. (162) 113)

Voltage-gated calcium current
Medial superior olive; Medial nucleus of the trapezoid body; Anterior ventral cochlear nucleus; Glutamate; Glycine (Barnes-Davies, M. (162) 134)